Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123149.D
Acq On : 8 Feb 2021 18:16
Operator : JU/CG
Sample : M1317-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-AMS

Manual Integrations APPROVED
mohammad
2/9/2021 2:10:30 PM

Quant Time: Feb 09 00:39:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	228991	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	890174	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	478690	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	856793	20.00	ng		0.00
76) Chrysene-d12	14.086	240	637544	20.00	ng		0.00
86) Perylene-d12	15.574	264	510759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1710437	115.22	ng		0.03
7) Phenol-d6	6.528	99	2111130	104.92	ng		0.01
23) Nitrobenzene-d5	7.463	82	1436770	81.23	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	769532	148.09	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2685732	83.40	ng		0.00
79) Terphenyl-d14	13.027	244	2947545	90.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	235272	31.85	ng	#	82
3) Pyridine	3.604	79	350631	17.75	ng		95
4) n-Nitrosodimethylamine	3.540	42	325975	39.22	ng		94
6) Aniline	6.563	93	153575	6.20	ng	#	92
8) 2-Chlorophenol	6.681	128	763645	47.46	ng		99
9) Benzaldehyde	6.445	77	265837	28.90	ng		99
10) Phenol	6.545	94	874905	43.84	ng		88
11) bis(2-Chloroethyl)ether	6.634	93	726360	43.74	ng		99
12) 1,3-Dichlorobenzene	6.839	146	736798	39.26	ng		99
13) 1,4-Dichlorobenzene	6.916	146	750490	38.40	ng		99
14) 1,2-Dichlorobenzene	7.063	146	721502	39.46	ng		98
15) Benzyl Alcohol	7.039	79	587309	41.63	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	934914	36.51	ng		92
17) 2-Methylphenol	7.151	107	686812	50.16	ng		97
18) Hexachloroethane	7.410	117	273760	39.99	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	510055	42.15	ng		99
20) 3+4-Methylphenols	7.304	107	729399	45.23	ng		91
22) Acetophenone	7.304	105	965683	41.63	ng	#	94
24) Nitrobenzene	7.481	77	785709	43.11	ng		97
25) Isophorone	7.722	82	1461171	45.10	ng		99
26) 2-Nitrophenol	7.792	139	406099	53.89	ng		99
27) 2,4-Dimethylphenol	7.833	122	628994	46.26	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	916379	41.45	ng		99
29) 2,4-Dichlorophenol	8.033	162	675062	47.47	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	672397	41.97	ng		100
31) Naphthalene	8.204	128	2070693	42.41	ng		100
32) Benzoic acid	7.928	122	108299	13.79	ng		99
33) 4-Chloroaniline	8.245	127	106110	4.90	ng		97
34) Hexachlorobutadiene	8.316	225	400845	43.32	ng		99
35) Caprolactam	8.639	113	177923m	37.02	ng		
36) 4-Chloro-3-methylphenol	8.733	107	738106	49.92	ng		97
37) 2-Methylnaphthalene	8.892	142	1443270	44.52	ng		99
38) 1-Methylnaphthalene	8.992	142	1350168	43.99	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	671668	45.10	ng		99
41) Hexachlorocyclopentadiene	9.051	237	703963	99.59	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	505411	49.51	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	548602	51.39	ng		99
46) 1,1'-Biphenyl	9.363	154	1749976	44.57	ng		99
47) 2-Chloronaphthalene	9.386	162	1404992	42.75	ng		99
48) 2-Nitroaniline	9.480	65	454221	45.60	ng		90
49) Acenaphthylene	9.804	152	2147566	44.64	ng		100
50) Dimethylphthalate	9.663	163	1782205	47.45	ng		99
51) 2,6-Dinitrotoluene	9.722	165	395769	49.47	ng		90
52) Acenaphthene	9.975	154	1431948	46.34	ng		98
53) 3-Nitroaniline	9.886	138	140050	14.80	ng		89
54) 2,4-Dinitrophenol	9.998	184	238832	66.54	ng		95
55) Dibenzofuran	10.151	168	1942434	43.20	ng		99
56) 4-Nitrophenol	10.063	139	580885	84.94	ng		87
57) 2,4-Dinitrotoluene	10.127	165	531337	51.07	ng		96
58) Fluorene	10.492	166	1517044	42.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	468177	51.71	ng		97
60) Diethylphthalate	10.363	149	1715671	46.46	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	755175	44.74	ng		99
62) 4-Nitroaniline	10.510	138	368626	38.78	ng		99
63) Azobenzene	10.645	77	1556483	43.07	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	209181	44.62	ng		98
66) n-Nitrosodiphenylamine	10.604	169	1387919	44.94	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	520023	47.66	ng		97
68) Hexachlorobenzene	11.045	284	559682	47.82	ng		97
69) Atrazine	11.133	200	393543	46.15	ng		99
70) Pentachlorophenol	11.239	266	575686	90.76	ng		99
71) Phenanthrene	11.457	178	2249290	42.27	ng		99
72) Anthracene	11.510	178	2300281	45.06	ng		100
73) Carbazole	11.663	167	2041709	43.10	ng		100
74) Di-n-butylphthalate	11.998	149	1990133	35.43	ng		100
75) Fluoranthene	12.657	202	2300823	43.26	ng		98
77) Benzidine	12.780	184	11264	0.78	ng	#	1
78) Pyrene	12.886	202	2271947	47.20	ng		100
80) Butylbenzylphthalate	13.504	149	1066500	51.50	ng		97
81) Benzo(a)anthracene	14.080	228	2018103	46.77	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	224290	16.52	ng	#	97
83) Chrysene	14.115	228	2002470	46.37	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1483844	53.92	ng		98
85) Di-n-octyl phthalate	14.680	149	2465513	53.35	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1704122	50.10	ng		99
88) Benzo(b)fluoranthene	15.139	252	1801809	48.87	ng		99
89) Benzo(k)fluoranthene	15.174	252	1777244	51.88	ng		98
90) Benzo(a)pyrene	15.515	252	1529398	47.24	ng		99
91) Dibenzo(a,h)anthracene	17.103	278	1415545	50.56	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1385235	51.06	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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